

Express Mail No.: EV 323509069 US

PATENT APPLICATION

Attorney Docket No.: 004578.1306First Named Inventor: Byron Elliott Short, Jr., et al.
(Or Application Identifier)**TRANSMITTAL FOR U.S. PATENT APPLICATION
UNDER 37 C.F.R. § 1.53(b)**2287 U.S. PTO
10/693562
102403Mail Stop Patent Application
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed for filing is a patent application entitled:
METHOD AND APPARATUS FOR CONTROLLING TEMPERATURE GRADIENTS
WITHIN A STRUCTURE BEING COOLED

The enclosed application is:

☒ Original
☐ Continuation ☐ Divisional ☐ Continuation-In-Part
(CIP) of prior application No. _____.

Enclosed are:

☒ Specification, Claims and Abstract (38 Total Pages)
☒ Drawings (3 Total Sheets of ☒ Formal ☐ Informal)
☒ Combined Declaration/Power of Attorney (4 Total Pages)
☒ Newly executed (original or copy)
☐ Copy from a prior application
(for continuation or divisional only)
☐ Incorporation By Reference - The entire disclosure of the prior application, from which the copy of the Declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference herein.
☐ This application is being filed by fewer than all of the inventors named in the prior application, under 37 CFR §1.53(d)(4). Please DELETE the following inventor(s) named in the prior nonprovisional application:
_____.☒ Assignment, with a separate cover sheet in compliance with 37 C.F.R. § 3.28 and § 3.31, and an Assignment recording fee of \$ 40.00 pursuant to 37 C.F.R. §1.21(h).

___ Information Disclosure Statement (IDS), and Form PTO-1449
 ___ Copies of documents listed on Form PTO-1449.

___ Preliminary Amendment
 ___ Please enter before calculating the filing fee.

___ Priority is claimed under 35 USC §119 based on:
U.S. Provisional Application No. 60/421,373, filed
October 24, 2002
 ___ A certified copy of the priority application is
 enclosed.

X Letter Requesting Non-Publication

X Return Receipt Postcard

___ The enclosed application is in the form of a foreign
 language text:
 ___ An English translation is enclosed, along with a
 statement that the translation is accurate.
 ___ Please notify the undersigned of the due date for
 submitting an English translation.
 ___ An enclosed check includes the fee of \$ ___ for
 processing a foreign language text.

Applicant is a X large ___ small entity.
 ___ Small Entity Statement enclosed.
 ___ Small Entity Statement filed in prior application.
 Status still proper and desired.


FEE CALCULATION (LARGE ENTITY RATE)					FEE
	Number		Number Extra	Rate	Basic Fee
					\$ 770.00
Total Claims:	60	- 20 =	40	X \$18 =	\$ 720.00
Independent Claims	6	- 3 =	3	X \$86 =	\$ 258.00
TOTAL FILING FEE =					\$1,748.00

X Enclosed are checks in the amounts of \$ 1,748.00 for the
 filing fee, and \$ 40.00 for the recording fee.

X Please credit any overpayment, or charge any additional
 fees required by this paper, to Deposit Account No.
 02-0384 of BAKER BOTTS L.L.P. A duplicate copy of this
 sheet is enclosed.

— This application is being filed without the Declaration and filing fee. Please advise the undersigned of the due date for submitting the Declaration and/or filing fee.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicant


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Date: October 24, 2003

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ATTORNEY DOCKET NO.
004578.1306

PATENT APPLICATION

1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Byron Elliott Short, Jr., et. al.
Serial No.: Unknown
Filing Date: October 24, 2003
Title: METHOD AND APPARATUS FOR CONTROLLING
TEMPERATURE GRADIENTS WITHIN A
STRUCTURE BEING COOLED

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

I hereby certify that the enclosed documents (listed below) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on this 24th day of October, 2003, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.


Quincy Chambers

Encl: Application Transmittal Form (3 pages)
Letter Requesting Non-Publication (1 page)
Specification, Claims and Abstract (38 pages)
Formal Drawings (3 Sheets)
Declaration (4 pages)
Assignment, with cover sheet (5 pages)
Checks (\$1,748.00 and \$40.00)
Acknowledgment Post Card

Express Mail No.:
EV 323509069 US
Attorney Docket No.:
004578.1306

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LETTER REQUESTING NON-PUBLICATION

Pursuant to 37 C.F.R. § 1.213(a), Applicants respectfully request that the above-identified patent application not be published under 37 U.S.C. §122(b). Applicants hereby certify that the invention disclosed in the above-identified application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, which requires publication at eighteen months after filing.

Respectfully submitted,
BAKER BOTTS L.L.P.
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Date: October 24, 2003

Encls: None